9rupa A.

1.
$$A = (-1, 1) \cup (2, 4]$$
 $B = [-2, 0] \cup (3, 5]$

B.

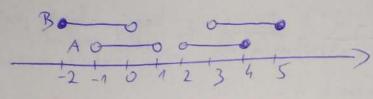
ANB O.

2. $\frac{6}{1.3} + \frac{6}{3.5} + \dots + \frac{6}{2019 \cdot 2021} = \frac{3!}{3!} (\frac{2}{1.3} + \frac{2}{3.5} + \dots + \frac{2}{2019 \cdot 2021}) = \frac{1}{2019 \cdot 2021} =$

- 4. a) 4k+1,4h+2 1 k=7
 - b) 2n(2n+2)·(2n+4) n n ENV
- 5. Linds cotholite j'est podvelno prier 4 (=> Unbo utworrons z ostatnich dwoch cylo j'est podvielne prier 4.

98 mie duel sig prier 4, wiec 363498 ter sig mie duel prier 4.

grupo B



2.
$$\frac{8}{1.3} + \frac{8}{3.5} + \dots + \frac{8}{2018.2021} = 4\left(\frac{2}{1.3} + \frac{2}{3.5} + \dots + \frac{2}{2018.2021}\right)$$

Obliving: $\frac{1}{n-n+2} = \frac{n+2-n}{n(n+2)} = \frac{2}{n(n+2)} \in \text{ horidy wanth jest taking}$ postoui.

A rotem sums bymosi

$$4 \cdot (\frac{1}{1} - \frac{1}{3} + \frac{1}{3} - \frac{1}{5} + \dots + \frac{1}{2019} - \frac{1}{2020}) - 4 \cdot (1 - \frac{1}{2021}) = \frac{2020}{2021} = \frac{8080}{2021}$$

3. $\frac{1}{x+1} + \frac{1}{x^2+16} + \frac{1}{x^2-1} = x$ $\frac{1}{x+1} + \frac{1}{x+1} + \frac{1}{x^2-1} = x$ $\frac{1}{x+1} + \frac{1}{x+1} + \frac{1}{x+1} + \frac{1}{x+1} = x$ $\frac{1}{x+1} + \frac{1}{x+1} + \frac{1}{x+1} + \frac{1}{x+1} = x$ $\frac{1}{x+1} + \frac{1}{x+1} + \frac{1}{x+1} + \frac{1}{x+1} = x$ $\frac{1}{x+1} + \frac{1}{x+1} + \frac{1}{x+1} + \frac{1}{x+1} = x$ $\frac{1}{x+1} + \frac{1}{x+1} + \frac{1}{x+1} + \frac{1}{x+1} = x$ $\frac{1}{x+1} + \frac{1}{x+1} + \frac{1}{x+1} + \frac{1}{x+1} = x$ $\frac{1}{x+1} + \frac{1}{x+1} + \frac{1}{x+1} + \frac{1}{x+1} = x$ $\frac{1}{x+1} + \frac{1}{x+1} + \frac{1}{x+1} + \frac{1}{x+1} = x$ $\frac{1}{x+1} + \frac{1}{x+1} + \frac{1}{x+1} + \frac{1}{x+1} = x$ $\frac{1}{x+1} + \frac{1}{x+1} + \frac{1}{x+1} + \frac{1}{x+1} = x$ $\frac{1}{x+1} + \frac{1}{x+1} + \frac{1}{x+1} + \frac{1}{x+1} = x$ $\frac{1}{x+1} + \frac{1}{x+1} + \frac$

4. () 5k+1, 5k+2 1 $k\in\mathbb{Z}$ 2n(2n+2)(2n+4) 1 $n\in\mathbb{N}$

5. Livros cothonito jest podvielny prier 8 (5) livros utworrono. z ostatnich trech gytr jest podvielno prier 8.

138 me duel sie prien 8 wie 365 198 ter mie duel sie prien 8.